

QC-7027

MORESBY 4.5km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°5'26.3"	-132°3'54.3"
Crossing Name	19A
FSR #	10308
Branch #	01
Road Name	MORESBY
User km	4.5
Current Load Rating (tonnes)	136
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	6
Deck Width (m)	5

Updated Data

Latitude	Longitude
53°5'26.43"	-132°3'55.41"
HD Diff. (m)	21.1
Accuracy (m)	10
6.1	
6.0	

Inspection

Date of Inspection 2018-09-14 10:41:50 AM

Inspector Name Robert Kemmler

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year 2019

Inspection Company Onsite Engineering

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., November 5, 2018

Load Rating: 136 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



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Approach

Alignment **Good**

Bridge Ahead Signs
Missing • 0 ☐ 1 ☐ 2

Brushing Required **N**

Delineator Missing
Left • 0 ☐ 1 ☐ 2

Delineator Missing
Right • 0 ☐ 1 ☐ 2

Fender Condition **Fair**

Posted Load Rating **0.0**

Road Surface **Fair**

Abutment

Log/Timber Cribs **Good**

Tie Backs **N/A**

Bin Wall **N/A**

Concrete **N/A**

Caps or Sills **Good**

Piles or Posts **N/A**

Ballast Wall **N/A**

Wing Wall **N/A**

Bracing **N/A**

Hardware **Fair**

Fill **Poor** 0.3m fill insufficient, min 0.5m fill required.

Riprap **N/A**

Bearings **Good**

Corrosion Protection **N/A**

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Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	Fair	
Curb Rail/Blocks/Posts	N/A	
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)	300	Grader has removed fill from structure.

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**Log Curbs **Fair**Needle Beam **N/A**Needle Lashing/
Shimming **N/A**

Stringer Number	Needle Beam to Crib (m)		Diameter (mm)	Needle Diameter (mm)		
	Species	Peeled		Rot Depth (mm)	Condition	Comment
1	Cy	Y	620	10	Fair	Cores as good
2	Cw	Y	670	0	Fair	Cores as fair
3	Cw	Y	660	1	Fair	Cores as fair
4	Cw	Y	880	0	Good	Cores as fair
5	Cw	Y	700	1	Fair	Cores as fair
6	Cw	Y	710	1	Fair	Cores as fair
7	Cw	Y	780	1	Fair	Cores as fair
8	Cw	Y	930	1	Fair	Cores as fair
9	Cw	Y	720	1	Fair	Cores as fair
10	Cy	Y	710	1	Fair	Cores as good
11	Cw	Y	650	1	Fair	Cores as fair

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Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.2	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1	High	Add fill to bring the fill depth to a minimum depth of 0.6m across structure.
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2

3

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)